

SEF-B

THE LIQUID GASKET

- The ideal gasket without molds
- Workable in few minutes
- Created for automotive applications
- It fills the unevenness
- Non corrosive
- Immediate results on water or air
- High chemical resistance; it resists also against engine oil
- High pressure and UV resistance
- Temperature range: -60°C to + 260°C
- Easy to remove



NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

SEAL FLEX HT BLACK/GREY

GENERAL INFORMATION

SEAL FLEX HT BLACK/GREY is a modified sealant, based on oxime neutral curing chemistry, that is essentially odorless. This non-corrosive silicone, with excellent adhesive properties, can be used on a wide variety of materials and especially where no discoloration or corrosion of sensitive materials is accepted.

SEAL

FLEX HT BLACK/GREY forms a strong, tough, flexible and resilient elastomeric rubber, with excellent chemical and high temperature resistance, that maintains its flexibility at low temperatures and stability at high temperatures.

Apply SEAL FLEX HT without using any extra tools directly from the pressure can.

TECHNICAL INFORMATION

In liquid condition:

Chemical basis: modified oxim silicone

State: black/grey, thixotropic paste

Density: 1,28 g/ cm³

Extrusion rate (at 25°C, 6 bar, 3.2 mm opening): > 1000g/min

Ignition point: 315°C

In hardened condition:

Tensile shear strength (EN 1465): 2.2 N/mm²

Ductile yield (ASTM-D-412): 280%

Hardness (Shore A)(ASTM-D-676): 40

Shrinkage: < 3%

Skinning time (ASTM-D-4678): 7 minutes

Curing process: ~2mm / 24h at 50%rF

Dry surface (ASTM-D-4678): 40 minutes

-60°C up to +260°C

Shortly up to +315°C

Thermal conductivity (ASTM D-2214/70):

0,002 Jcm⁻¹ s⁻¹ K⁻¹

Coefficient of elongation (ASTN EB-31):

20 x 10⁻⁵ K⁻¹

Dielectric constant at 1 MHz (ASTM D-150): 2,8

Loss factor at 1 MHz (ASTM D-150): 0,002

Breakdown voltage (ASTM D-149): 16kV/mm

Specific volume resistance (ASTM D-257): 10¹⁵ Ω

Store the original unopened container in a cool, dry

location. Optimal storage temperature:

+8°C to +23°C.

Shelf life: 1 year in cartridge, 2 years in metal tube or can.

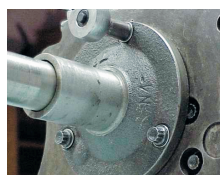
Safety measures: consult the Safety Data Sheet.

Temperature range:

APPLICATION AND USE

- SEAL FLEX HT BLACK/GREY is developed for many industrial sealing and insulating application, including Metal and glass construction, automotive, Marine, Mechanical engineering, screw thread connections, machine tools, maintenance, connections, air ducts, inlet and outlet manifolds, compressors, pumps, turbines, electrical/electronic, aerospace and consumer products.
- insulating and moisture-proofing of engine and electrical boxes
- sealing of water leakages on rear lights and body joints
- SEAL FLEX HT BLACK/GREY is jointing to: metals and different alloys, glass, ceramics and several kinds of synthetic materials
- SEAL FLEX HT BLACK/GREY is resistant to: light acids (up to 20%), glycol, Fluor-chlorine-methane, butane, oils, greases, lubricants, petrol, kerosene, transmission and brake fluids, water, steam, antifreeze agents, fuel oil, alkali, saline solutions,
- For an optimal adhesion, the surfaces should be free from corrosion, oil/grease or dust. Therefore we recommend cleaning the surface.
- We recommend to test SEAL FLEX HT on the substrate before use
- SEAL FLEX HT BLACK satisfies the specifications:
GM 1052751, 1052917
Ford D6AZ-19562-B
Chrysler 4318025
FIAT 9.55720/B
- SEAL FLEX HT GREY satisfies the specifications:
TOYOTA 00295-00102, 00295-01281, 00295-01208
Mitsubishi MD997740, MD 997110
Nissan 999MP-A7007
Honda 08718-55000040E, HC2963817, 0095Z-POA
Hundai 4C116-21000, 21451-33A01

Article nr	Name	Content	Section
T571101	Seal Flex HT black	200ml	ADHESIVES AND SEALANTS
T571301	Seal Flex HT grey	200ml	ADHESIVES AND SEALANTS



ADHESIVES AND SEALANTS

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